9 December 1976

MEMORANDUM FOR: Members, OC ADP Committee

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FROM

Chairman, OC ADP Committee

SUBJECT

OC ADP Management Applications Review

- 1. Attached is a copy of OC M76-683 and a list of ADP management applications reported by the addressees. The list has been separated into three categories: (a) current OC ADP management projects; (b) proposed applications, and; (c) GIMS applications. Items without project names and items listed under "feasible" within current projects have not been officially reviewed or approved.
- 2. Please review the applications identified as being those of your component to ensure that you are, or become, generally familiar with the purpose and perceived value of the application and alert the responsible officer(s) that a review and establishment of relative priorities are being undertaken. As an early part of the review, we should try to sort out any duplication or partial duplication to determine if an office-wide approach would be more beneficial. Possibly existing office-wide applications could be redefined to provide additional elements so as to satisfy those requirements not yet filled.
- 3. A meeting of the ADP Committee has been scheduled for 21 December at 1300 hours in the D/CO Conference Room to start the review. At that time, we can discuss a plan of attack for conducting the review and exchange information. I would envision the detailed review getting under way during early January.

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**4**5X1

### Current OC ADP Management Projects

Project	Component	Description	FY 1976 Cost	
	OC-CS	Generation of voice codes for operational projects.	\$ 449	
	QC-O/COD	Analysis of antenna design, gain pattern and signal characteristics.	1,864	<b>*</b> 1
	OC-O/COD	Covert equipment management.	20,393	4
	OC-E	Management of communications equipment other than covert.	2,914	
	OC-CS	Generation of voice code for geographical locat	ions. 64	
	OC-O/SOD	Listing of communications circuits.	564	
	OC-O/SOD	Cable traffic analysis.	95	
	OC-O/SOD	Modernized	14,889	25X1
	OC-CS	Generation of one-time codes, cryptographic simulations and deception programs.	6,931	<b>a</b> r
	OC-S	OC personnel data base.	3,247	€.
	OC-O/COD	Variable period transmission schedules for signal plans.	38	

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	Project	Component	Description	FY 1976 Cost
5X1 5X1		OC OC-C OC-C OC-C OC-C OC-C OC-C OC-C OC	Feasibility studies.  Weekly personnel status report.  Listing of all engineering work orders.  Listing of table of organization.  MUX channel listing.  Status of ADP installations.  Emergency personnel data.  File index for safes.  Yearly objectives.  Personnel data.  Personnel training.  Branch project list.	
5X1	1	0C-0J		\$ 9,221
5X1 <sup></sup>	1		Financial resources information system.	12,039
		OC-O/COD	International frequency listing.	73,798
4.	4	OC-O/COD	Settings for RS-523 (not used FY 76).	
4		OC-O/COD	RF propagation predictions.	59,327
4	1 1	OC-IC	Record control schedule	8,846
2		OC-O/COD	Management of agent communications positions, signal plans, freqs.	5,830
		OC-E	Equipment numbering system (no requirement per OC	-E). 436
5X1		OC-0	Cable dissemination system dissemination statemen	ts. 9,746
5X1 <sup>∠</sup>	1			
6	4 l	OC-CS	TEMPEST readings for various equipment.	2,479

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	Project	Component	Description	FY 1976 Cost	
<b>2</b> 5X1	4	OC-O/COD	Prediction of	\$84,358	25X1
<b>2</b> 5X1		OC-0	Management of data distribution grid.	56	

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# Proposed Applications

Component	Description
∠ OC-E	TECHREQ inventory management. (Feasibility study requested from ODP.)
COC-S	Training, evaluation and assignments. (Memo from OC-S to EXA. OC-S doing background study.)
COC-IC	<pre>Index of OC publications. (Preliminary study within OC-IC in FY 77.)</pre>

means for receiving a user input to switch a mode of operation from the interlaced mode of operation to the noninterlaced mode of operation;

video capture circuitry configured for use in the noninterlaced mode to convert, in response to receiving said user input, an interlaced television compatible signal into a noninterlaced converted television output; and

a display apparatus coupled to a video controller of the host computer system, the display apparatus comprising:

a screen, said screen operable to display visually detectable output from the host computer system when operating in the noninterlaced mode of operation and operable to also display the converted television output in an overlay window while said visually detectable output from the host computer system is being displayed in the noninterlaced mode of operation;

a communication channel between said host computer system and said display apparatus, the communication channel for transmitting commands from said host computer system to said display apparatus; and

a microprocessor for receiving <u>and processing</u> commands from said host computer system, said microprocessor comprising control logic for controlling a television feature of the display apparatus from the host computer system when said screen is operating in said interlaced format, and for enabling an overlay window in response to receiving said user input,

wherein the television feature includes at least one of changing a channel, volume adjustment, picture adjustment, selecting a video source, brightness, contrast, vertical and horizontal sizing and positioning, on/off (rest/resume), refresh rate, resolution and color temperatures.

35. (Original) A computer system of claim 34, wherein said interlaced mode of operation supports at least one of a National Television System Committee (NTSC) input, a Phase Alteration by Line (PAL) input, and a Sequential a Memoire (SECAM) input.

36. (Original) A computer system of claim 34, wherein the microprocessor is suitable for switching said display apparatus between said interlaced and noninterlaced modes of operation.